

Patent
Attorney Docket No. 030681-521

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of

Won-bong Choi et al.

Group Art Unit: 1745

Application No.: 10/601,872

Examiner:

Filing Date: June 24, 2003

Confirmation No.: 1325

Title: CARBON NANOTUBES FOR FUEL CELLS, METHOD FOR MANUFACTURING THE SAME, AND FUEL CELL USING THE SAME

**SECOND
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a **SECOND** Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- * No additional fee for submission of an IDS is required.

The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.

A statement under 37 C.F.R. § 1.97(e) is also enclosed.

A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.

Charge _____ to Deposit Account No. 02-4800 for the fee due.

A check in the amount of _____ is enclosed for the fee due.

Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By


Charles F. Wieland III

Registration No. 33,096

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

Date: Dec. 23, 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
)	
Won Bong CHOI et al.)	Group Art Unit: 1745
)	
Application No.: 10/601,872)	Examiner:
)	
Filed: June 24, 2003)	Confirmation No.: 1325
)	
For: CARBON NANOTUBES FOR FUEL)	
CELLS, METHOD FOR)	
MANUFACTURING THE SAME, AND)	
FUEL CELL USING THE SAME)	

SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

To assist the Examiner, the document(s) is/are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.


Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date

Dec. 23, 2004

By:



Charles F. Wieland III
Registration No. 33,096

P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

SECOND INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number 10/601,872
 Filing Date June 24, 2003
 First Named Inventor Won-bong Choi et al.
 Examiner Name
 Attorney Docket Number 030681-521

DEC 23 2004

TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	2001/0036523	A1	Sobolewski	11-01-2001

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	*JP2002298861		Japan	10-11-2002						*	
	*JP2003201108		Japan	07-15-2003						*	
	*WO 01/85612	A2	PCT (in English)	11-15-2001							
	*WO 01/85612	A3	PCT (in English)	11-15-2001							
	*JP10223233		Japan	08-21-1998						*	
	*2000-243411		Japan	09-08-2000							

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	*Bo Gan et al., "Branching Carbon Nanotubes Deposited in HFCVD System", Diamond and Related Materials 9 (2000) pp. 897-900, Elsevier Science S.A.
	*O. SMILJANIC et al., "Growth of Carbon Nanotubes on Ohmically Heated Carbon Paper", Chemical Physics Letters, Vol. 342, Nos. 5 & 6, July 20, 2001, pp. 503-509
	*Z.F. REN, "An Insight Into Carbon Nanotube Production", Sample Journal, September/October 2001, Vol. 37, No. 5, pp. 64-67
	*Japanese Patent Office Action dated August 3, 2004 with English translation.

* Copy Attached

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.